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(54)INK-JET RECORDING PAPER

(57)Abstract:

PURPOSE: To provide ink-jet recording paper on whose base paper a coat layer containing non-gluey silica particles and a binder is provided, and which has a high resolution, is capable of obtaining clean image and is suitable for high speed writing.

CONSTITUTION: The amount of 0.2W1.5 parts by weight of a solution- or dispersed-liquid-like high-molecular binder

such as polyvinyl acetate and polyvinyl alcohol (solid component), and 0.5W3 parts by weight per part by weight of the binder of starch, are mixed with one part by weight of non-gluey silica particles with a size of 0.1W10 $\mu$ . Application liquid is obtained by dispersing thus-obtained mixture in water, applied to base paper at a rate of 0.5W15gr./m<sup>2</sup>, and dried with hot air for making coat layer.

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